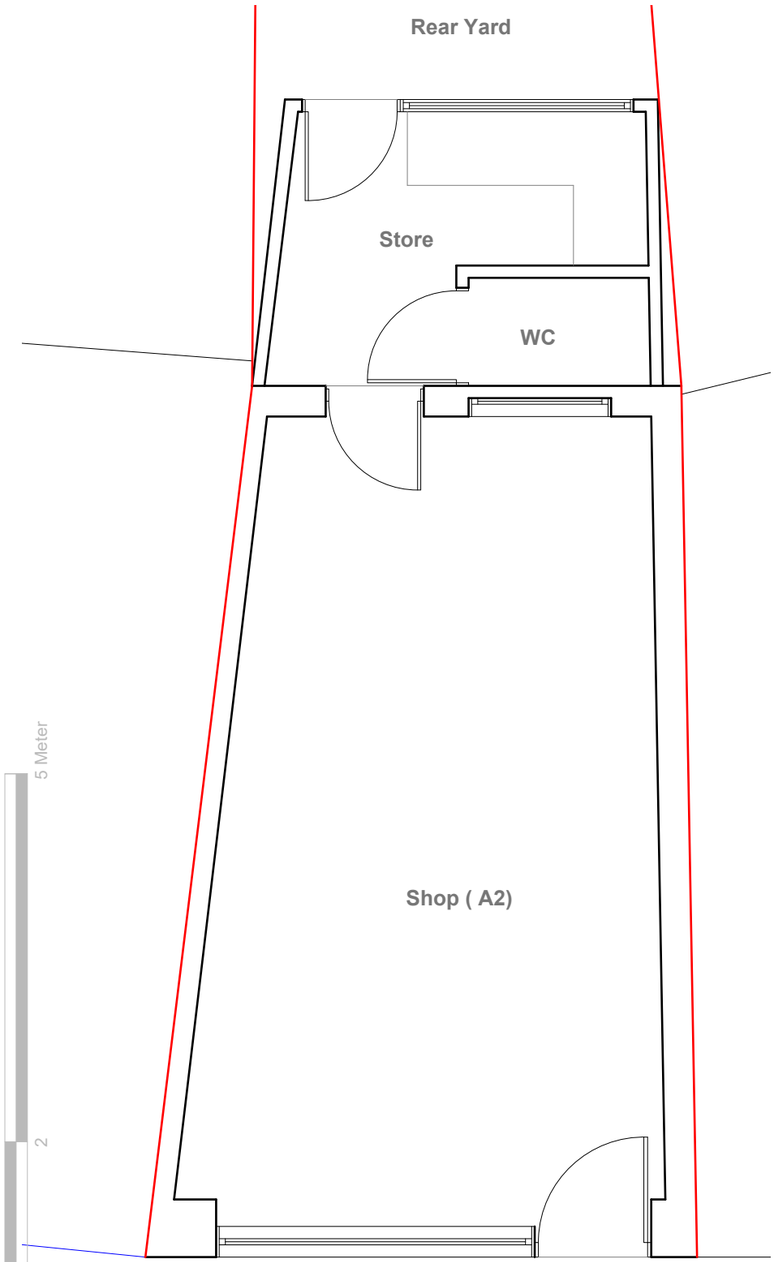
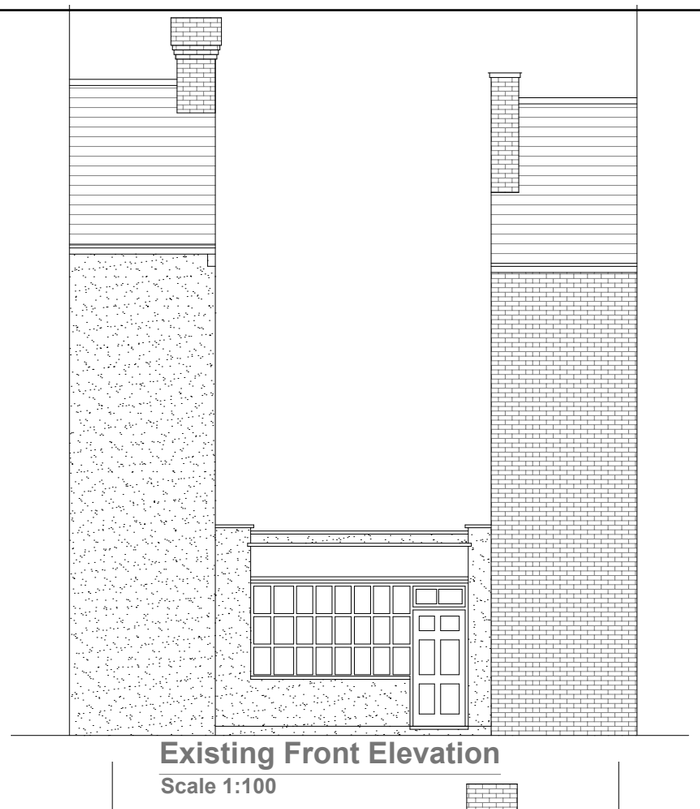
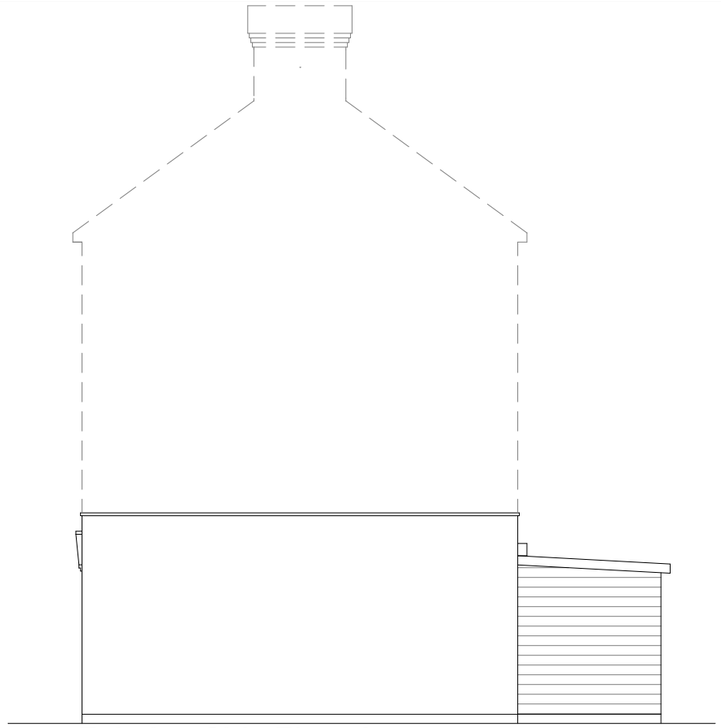


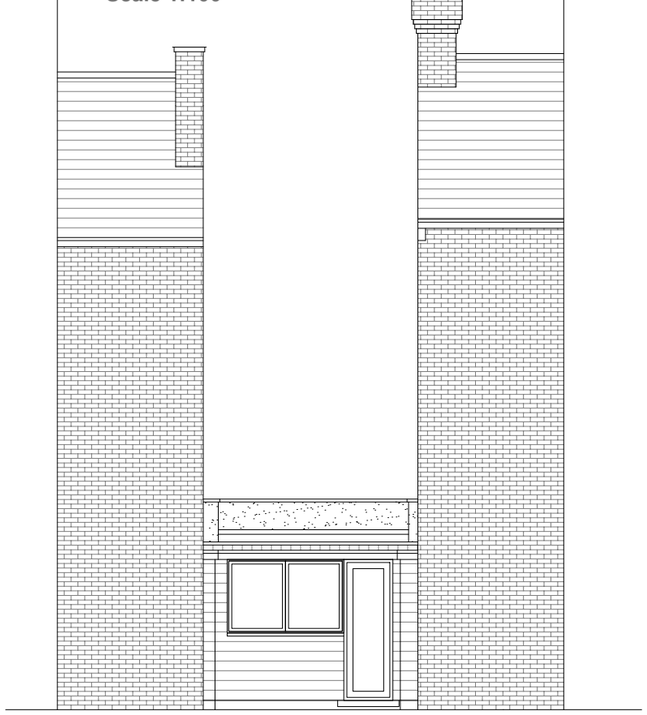
Existing Ground Floor Plan
Scale 1:50



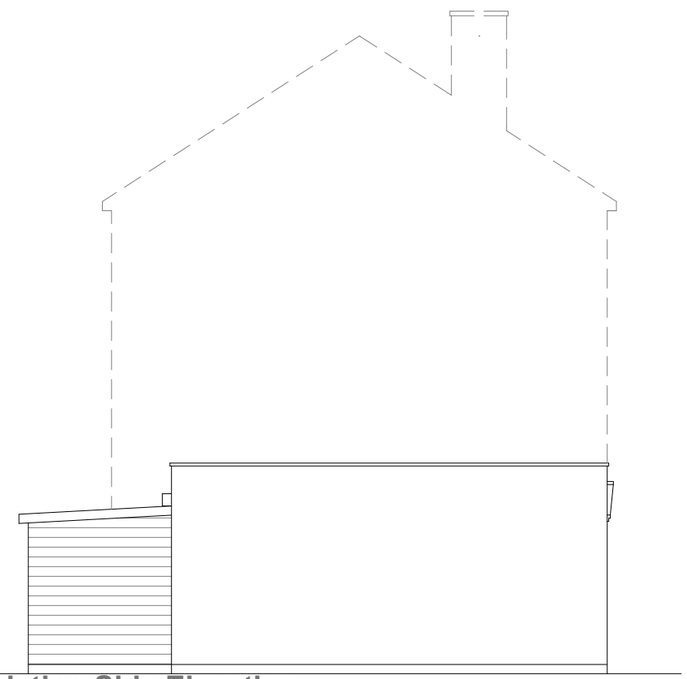
Existing Front Elevation
Scale 1:100



Existing Side Elevation
Scale 1:100



Existing Rear Elevation
Scale 1:100



Existing Side Elevation
Scale 1:100

10 Meter
5
2
1
0
1:100

GENERAL NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETER.
2. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BUILDING OR STARTING CONSTRUCTION. NOTIFY THE DESIGNER IMMEDIATELY OF ANY DISCREPANCY OR VARIATION.
3. ALL WORK TO COMPLY WITH CURRENT BUILDING REGULATIONS AND CODES OF PRACTICE

Title:

Existing Floor Plan & Elevations

Site Address
12 High Street
Harewood
UB9 6BU

Scale: 1:100 @A3
Date: 25/10/2021
Drawing No.: 2021/157 -01
Drawn By: FP

Revision Date:

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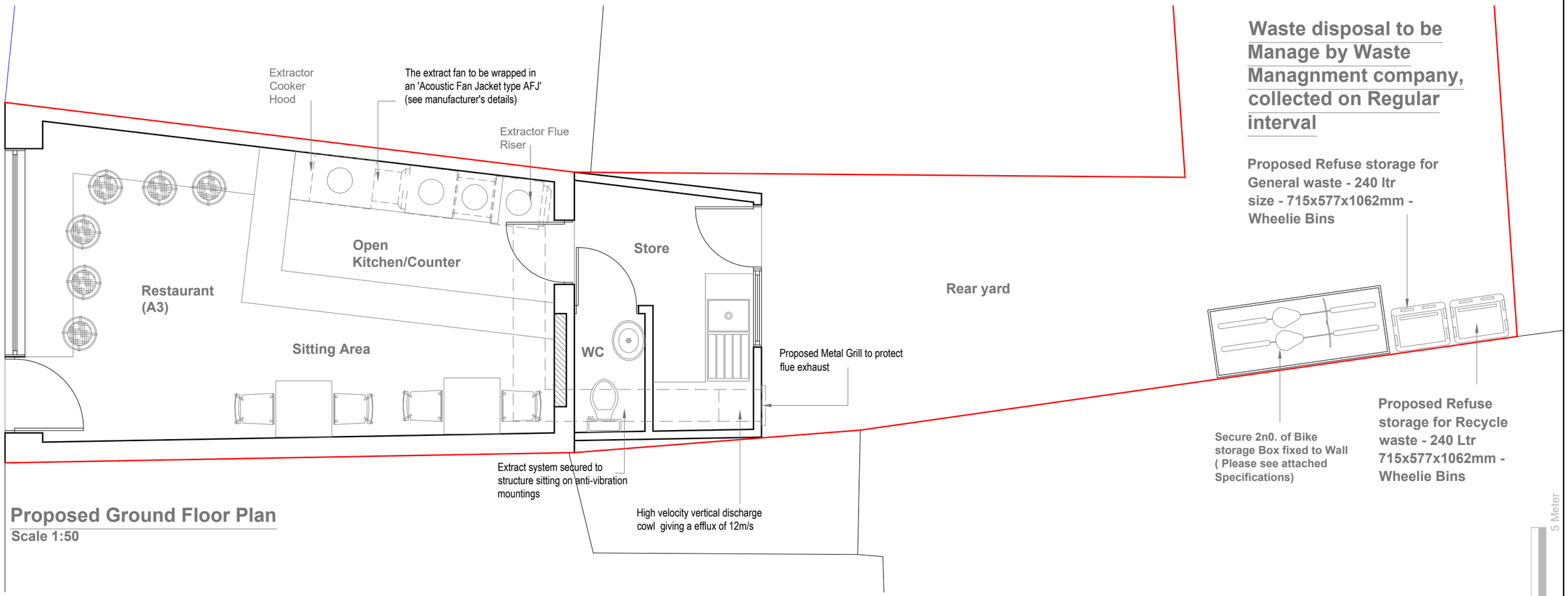
Faluck Patel



Proposed Ground Floor Plan

Scale 1:50

External Flue Riser - Galvanized steel ducting cross braced to mitigate noise

The external part of the ducting running from the building exit point to the flue terminal will be wrapped in 25mm thick mineral wool with minimum density of 35kg/m to be held in place with light metal mesh, and metal or plastic strapping bands.

The mineral wool insulation would be lagged with a membrane of flexible sound barrier matting with a density of 5kg/m of 2mm (in black) to be applied around the duct with overlapped/sealed joints to be held in place in accordance with suppliers recommendations.

One layer of Sound Proofing Mat (SBM5) has an insulation value of 24dB

The noise level at the point of nearest window would be mitigated to at least 32dB @ 1.0 meter.

5 Meter 0 1 2 1:50

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Title:

Proposed Ground Floor Plan

Site Address
12 High Street
Harewood
UB9 6BU

Scale: 1:50 @A3
Date: 25/10/2021
Drawing No.: 2021/157 -02
Drawn By: FP

Revision Date:
A 22.04.2022

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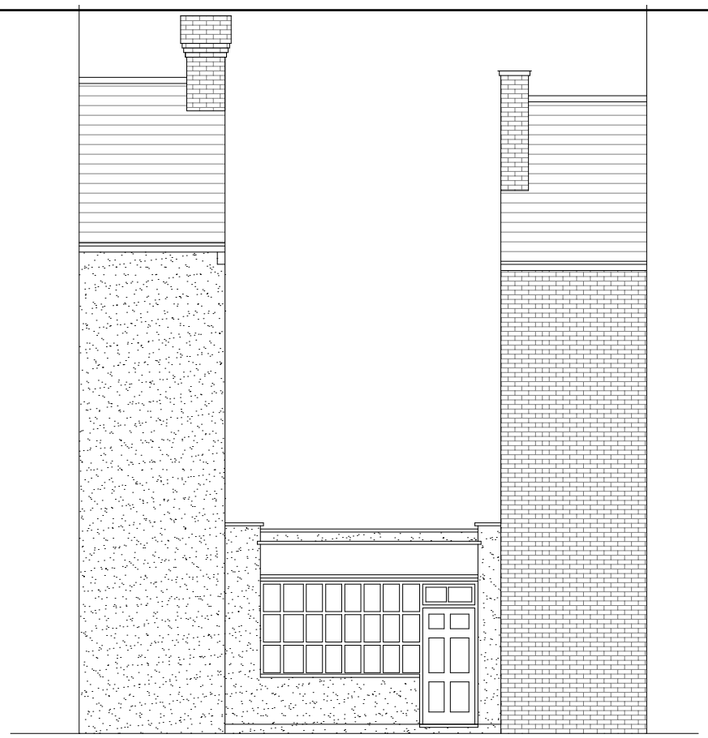
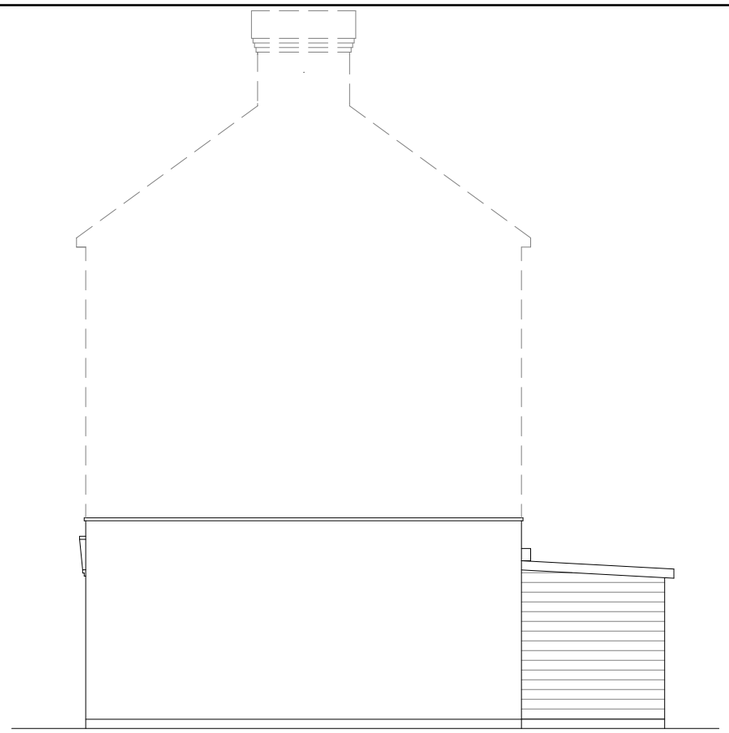


Proposed Front Elevation

Scale 1:100



Proposed Side Elevation

Scale 1:100

External Flue Riser - Galvanized steel ducting cross braced to mitigate noise

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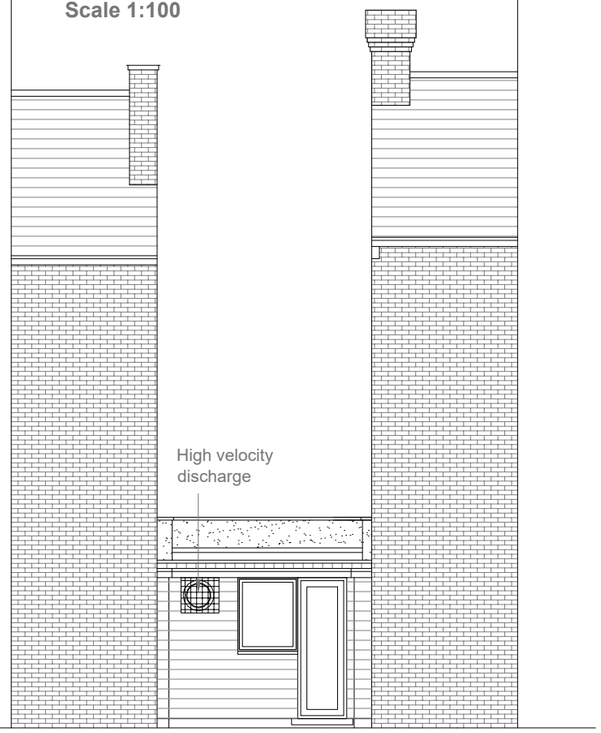
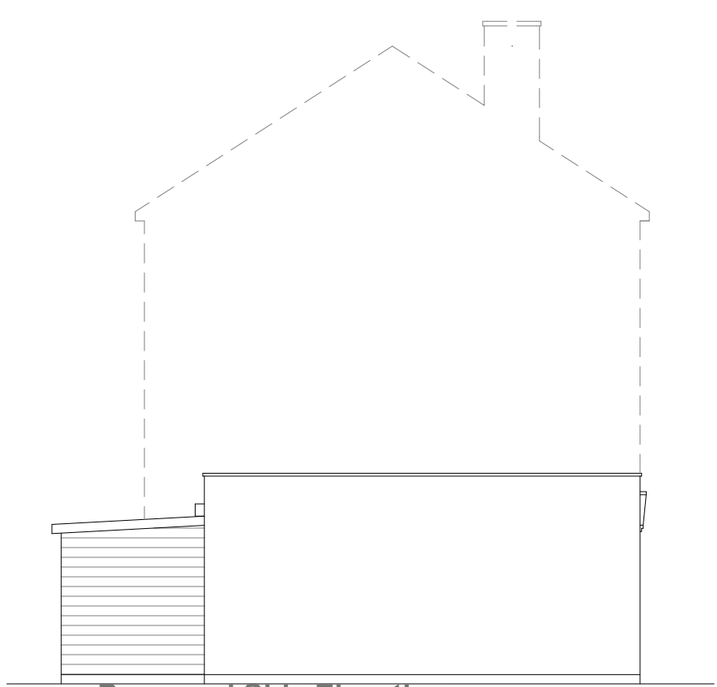
One layer of Sound Proofing Mat (SBM5) has an insulation value of 24dB

The noise level at the point of nearest window would be mitigated to at least 32dB @ 1.0 meter.



Proposed Rear Elevation

Scale 1:100



Proposed Side Elevation

Scale 1:100

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Title:

Proposed Elevations

Site Address

12 High Street
Harewood
UB9 6BU

Scale: 1:100 @A3

Date: 25/10/2021

Drawing No.: 2021/157 -03

Drawn By: FP

Revision Date:

A	22.04.2022
B	21.07.2022

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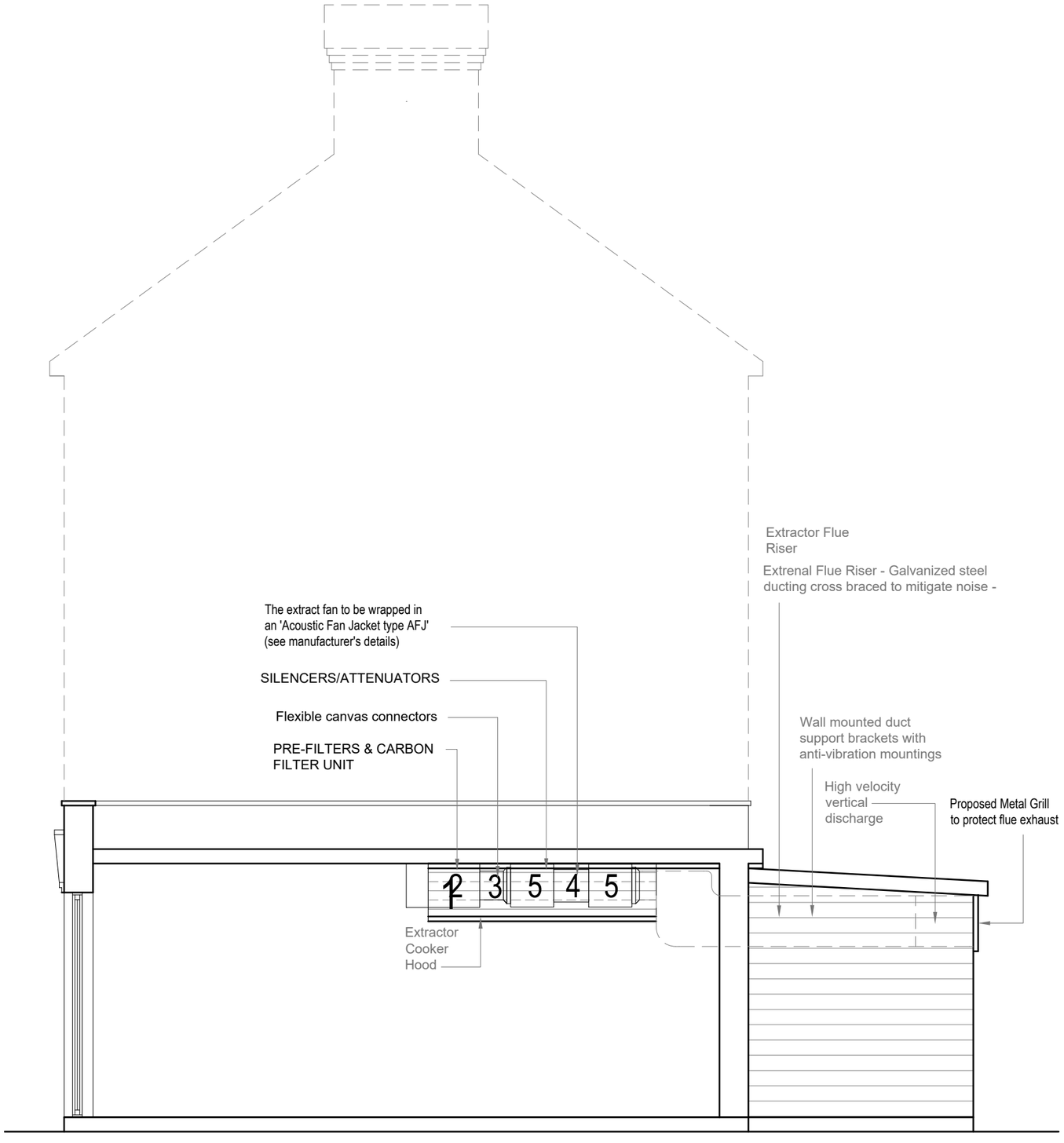


EXTRACT SYSTEM & MAINTENANCE DETAILS

1. EXTRACT CANOPY

S/S (304 grade) canopy 3500x1100mm above cooking units with 6 no. removable and washable grease filters 495x495x50mm.
(FILTERS MUST BE WASHED 2 - 3 TIMES A WEEK).

2. PRE-FILTERS & CARBON FILTER UNIT

KATERCARB 2KXB2 ACD extra duty 207C activated carbon filter unit 660x610x1025mm with 8 disposable chemically bonded carbon panels permanently sealed with a galvanised steel casing. Minimum Carbon Weight loading of 80kg /1.0mñ□V with resistance to air flow of 175Pa (excluding prefilter and grease filter),and a dwell time of 0.4 seconds - secured to structure sitting on anti-vibration mountings.
(FILTER ELEMENTS TO BE REPLACED EVERY 4 WEEKS AND CARBON PANELS TO BE REPLACED EVERY 9-12 MONTHS)

3. Flexible canvas connectors

EXTRACT SYSTEM & MAINTENANCE DETAILS

4. FAN UNIT

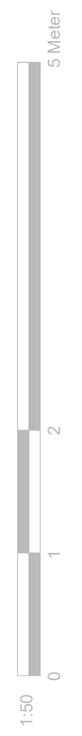
A high pressure 500mm □ Elta axial fan unit SCPP500/4-1 with sound level of 62 dB (A) @ 3 meters without attenuation. Speed regulator rating is at 1350 rpm with 2.01mñ□V air flow rate @ 250 Static Pressure Pa giving efflux velocity at the flue terminal of 10.25m/s (to give 35 + air changes in the kitchen) - secured to the structure sitting on the stand with anti-vibration mountings and insulated - connected directly to the silencers. The fan to be wrapped in an Acoustic Fan Jacket type AFJ (see manufacturer's details)

5. SILENCERS/ATTENUATORS

2 No. 653mm □x 600mm high performance silencer (with 1DEP - cylindrical centrebody for enhanced attenuation) connected directly to fan casing on the inlet and outlet side and connected to ducting with flexible canvas connectors, giving a sound reduction level of 14dB (A) for the unit @ 3 meters - secured to structure sitting on the stand with anti-vibration mountings.

6. DUCTING

Galvanized steel sheet 400 x 400mm (18swg) rectangular ducting with adequate stiffening and cross bracing discharging terminating at Rear- Secured to the structure with duct support brackets with anti-vibration mountings.



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Title:

Proposed Section

Site Address
12 High Street
Harewood
UB9 6BU

Scale: 1:50 @A3
Date: 25/10/2021
Drawing No.: 2021/157 -04
Drawn By: FP

Revision Date:
A 22.04.2022

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